## SECUENCE LISTING

```
<110> Bui, Matthew H.T.
      Seligson, David
      Belldegrun, Arie S.
<120> METHODS OF RENAL CELL CARCINOMA PROGNOSIS AND TREATMENT
      SELECTION WITH CARBONIC ANHYDRASE IX
<130> 02307K-185020US
<140> US 10/511,465
<141> 2005-02-07
<150> WO PCT/US03/11561
<151> 2003-04-15
<150> US 60/384,460
<151> 2002-05-31
<150> US 60/373,193
<151> 2002-04-16
<160> 2
<170> FastSEQ for Windows Version 4.0
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<221> mat peptide
<222> (124)...(1389)
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ate eeg gee eet get eea gge ete aet gtg eaa etg etg etg tea etg
Ile Pro Ala Pro Ala Pro Gly Leu Thr Val Gln Leu Leu Leu Ser Leu
                -20
                                    -15
ctg ctt ctg atg cct gtc cat ccc cag agg ttg ccc cgg atg cag gag
Leu Leu Leu Met Pro Val His Pro Gln Arg Leu Pro Arg Met Gln Glu
            -5
                            -1 1
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			gaa Glu					243
			cct Pro					291
			cct Pro					339
			gtt Val					387
			gac Asp 95					435
			ccc Pro					483
			gtg Val					531
			ctg Leu					579
			cgc Arg					627
			atg Met 175					675
			cac His					723
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<sup>&</sup>lt;210 / 2 <211 > 459 <212 > PRT <213 > Homo sapiens

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                                         -10
Met Pro Val His Pro Gln Arg Leu Pro Arg Met Gln Glu Asp Ser Pro
        -1 1
Leu Gly Gly Gly Ser Ser Gly Glu Asp Asp Pro Leu Gly Glu Glu Asp
           15
Leu Pro Ser Glu Glu Asp Ser Pro Arg Glu Glu Asp Pro Pro Gly Glu
                            35
Glu Asp Leu Pro Gly Glu Glu Asp Leu Pro Gly Glu Glu Asp Leu Pro
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Glu Val Lvs Pro Lvs Ser Glu Glu Glu Gly Ser Leu Lys Leu Glu Asp
Leu Pro Thr Val Glu Ala Pro Gly Asp Pro Gln Glu Pro Gln Asn Asn
                                    85
Ala His Arg Asp Lys Glu Gly Asp Asp Gln Ser His Trp Arg Tyr Gly
                               100
Gly Asp Pro Pro Trp Pro Arg Val Ser Pro Ala Cys Ala Gly Arg Phe
                           115
                                               120
Gln Ser Pro Val Asp Ile Arg Pro Gln Leu Ala Ala Phe Cys Pro Ala
                       130
                                           135
    125
Leu Arg Pro Leu Glu Leu Leu Gly Phe Gln Leu Pro Pro Leu Pro Glu
                   145
Leu Arg Leu Arg Asn Asn Gly His Ser Val Gln Leu Thr Leu Pro Pro
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               160
Gly Leu Glu Met Ala Leu Gly Pro Gly Arg Glu Tyr Arg Ala Leu Gln
                               180
Leu His Leu His Trp Gly Ala Ala Gly Arg Pro Gly Ser Glu His Thr
                           195
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        190
Val Glu Gly His Arg Phe Pro Ala Glu Ile His Val Val His Leu Ser
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                                           215
Thr Ala Phe Ala Arg Val Asp Glu Ala Leu Gly Arg Pro Gly Gly Leu
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Ala Val Leu Ala Ala Phe Leu Glu Glu Gly Pro Glu Glu Asn Ser Ala
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                240
Tyr Glu Gln Leu Leu Ser Arg Leu Glu Glu Ile Ala Glu Glu Gly Ser
                               260
Glu Thr Gln Val Pro Gly Leu Asp Ile Ser Ala Leu Leu Pro Ser Asp
                           275
                                                280
Phe Ser Arg Tyr Phe Gln Tyr Glu Gly Ser Leu Thr Thr Pro Pro Cys
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Ala Gln Gly Val Ile Trp Thr Val Phe Asn Gln Thr Val Met Leu Ser
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                                        310
Ala Lys Gln Leu His Thr Leu Ser Asp Thr Leu Trp Gly Pro Gly Asp
               320
                                   325
Ser Arg Leu Gln Leu Asn Phe Arg Ala Thr Gln Pro Leu Asn Gly Arg
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340

Val Ile Glu Ala Ser Phe Pro Ala Gly Val Asp Ser Ser Pro Arg Ala 355

Ala Glu Pro Val Gln Leu Asn Ser Cys Leu Ala Ala Gly Asp Ile Leu

370

335

365

345

360

Ala Leu Val Phe Gly Leu Leu Phe Ala Val Thr Ser Val Ala Phe Leu 380 385 390 395
Val Gln Met Arg Arg Gln His Arg Arg Gly Thr Lys Gly Gly Val Ser 400 405 410

Tyr Arg Pro Ala Glu Val Ala Glu Thr Gly Ala